

DIAGNOSTIC AGENT FOR SCANNING BONE

Patent number: JP57050928
Publication date: 1982-03-25
Inventor: HAYASHI YOSHINORI; TAKAHASHI HIRONOBU;
HAZUE MASAOKI
Applicant: NIHON MEDIPHYSICS CO LTD
Classification:
- international: A61K49/02
- european: A61K51/12
Application number: JP19800127690 19800913
Priority number(s): JP19800127690 19800913

Also published as:

EP0047983 (A1)
US4439413 (A1)
EP0047983 (B1)

Report a data error here

Abstract of JP57050928

PURPOSE:The titled diagnostic agent, containing methanehydroxydiphosphonic acid (salt) and pertechnetetic acid reducing agent at a specified weight ratio, capable of suppressing the deposition of the radioactivity on soft tissues, preferably the liver, other than bones, and giving clear diagnosis.

CONSTITUTION:A composition for preparing a radioactive diagnostic agent for scanning bones containing a carrier for scanning bones selected from methanehydroxydiphosphonic acid or a salt thereof and pertechnetetic acid reducing agent preferably a stannous salt, e.g. stannous chloride, at a weight ratio between the carrier and the stannous salt in the range of 1:1-7:1, and if necessary a pharmaceutically acceptable reducing stabilizer, e.g. ascorbic acid or erythorbic acid, is brought into contact with an aqueous solution containing technetium-99m in the form of a pertechnetetic acid salt (pertechnetate) to give a radioactive diagnostic agent for scanning bones labeled with ^{99m}Tc .

Data supplied from the esp@cenet database - Worldwide